



New instrument from **LayerGauge®**-company

TOM 21



AUTOMATIC OPACITY AND TRANSMITTANCE METER

Davinor TOM21 is a new, fast and cost-saving way to measure the light transmission properties of long narrow flat film or paper samples.

The new TOM21 has an automated sample transfer mechanism. Once a sample has been set and a measurement started the TOM21 can complete the measurement of long sample stripes by itself.

You can choose the unit of measurement between Opacity % and Transmission %. They both describe the same phenomenon but using opposite scales.

KEY FEATURES OF DAVINOR TOM 21

OPERATION

- Measures the light attenuation due of a material under test.
- Results are reported as relative transmittance or as opacity units (selectable) with a resolution of 0.1%.
- Designed especially for thin materials like plastic films or papers.
- The TOM21 is PC driven instrument. A PC controls sample handling and data collection. Without the PC connection the TOM21 can be used as manually operated stand-alone meter.
- Easy-to-use Windows software for data capture and visualization included in the package.
- Stable and insensitive to the environment.
- User independent results.
- Automatic calibration during startup and after a detected drift.

OPTICS

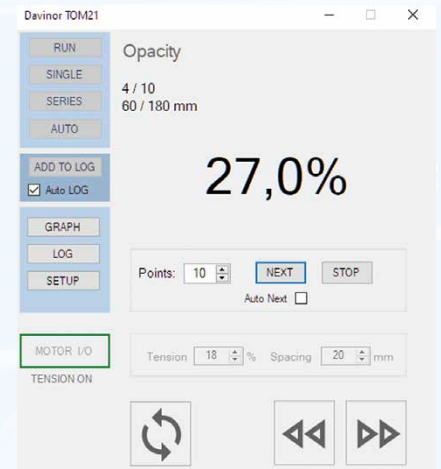
- Light source: white LED
- Light beam diameter at sample surface: 4 mm
- Detecting angle: 115 degrees

POWER

- 9-12 Vdc input; 110-230Vac; AC/DC wall transformer included

DIMENSIONS

- Weight: 6.1kg (without power supply)
- Width: 25 cm, height: 13 cm, depth: 30 cm



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